

# SAFETY DATA SHEET

## Iodophor LF 12

**Preparation Date:** 24-Aug-2015  
**Revision Number:** 3.1  
**Date of last revision:** 17-Sep-2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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<b>Product Name</b>	Iodophor LF 12
<b>Item#:</b>	AUS54469
<b>Recommended use</b>	Sanitizer
<b>Uses advised against</b>	Restricted to professional users

<b>Supplier</b>	DeLaval Pty Ltd 1 Global Drive Westmeadows, VIC 3049 Australia Telephone 61-3-8336-7977
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<b>Emergency Telephone Number</b>	131 126 (Poison Control Centre)
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## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Skin corrosion/irritation - Category 1B

Serious eye damage/eye irritation - Category 1

### 2.2. Label Elements

#### Hazard Pictogram(s)



#### Name of hazard pictogram(s)

Corrosion

#### Hazard Statements

H314 - Causes severe skin burns and eye damage

#### Precautionary statements

P102 - Keep out of reach of children  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
 P264 - Wash hands thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P363 - Wash contaminated clothing before reuse  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P310 - Immediately call a POISON CENTER/doctor.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P501 - Dispose of contents/container in accordance with local regulations

#### Note

Signal words and pictograms are not required on labels for AgVet chemicals.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Phosphoric acid	7664-38-2	10 - 30%
Water	7732-18-5	> 60%
Non-ionic Alkoxylate	29086-67-7	1 - 10%

## 4. FIRST AID MEASURES

#### General Advice

Show this safety data sheet to the doctor in attendance. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

#### Skin contact

Wash off immediately with plenty of water. Remove contaminated clothing and shoes.

#### Inhalation

Move to fresh air. Get medical attention if symptoms occur.

<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
<b>Effects of overexposure</b>	No information available
<b>Indication of any immediate medical attention and special treatment needed</b>	No information available

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Specific hazards arising from the chemical</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Protective Equipment and Precautions for Firefighters</b>	In the event of fire, wear self contained breathing apparatus.
<b>Hazchem Code</b>	2R

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b>Methods for cleaning up</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

<b>Safe Handling Advice</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place.
<b>Incompatible products</b>	No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

#### Exposure limits

Chemical name	ES-TWA	ES-STEL	ES-Peak
Phosphoric acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	

#### Biological standards

No biological limit allocated

#### Engineering Controls

Ensure adequate ventilation, especially in confined areas

### Personal Protective Equipment

#### Eye/face Protection

Tightly fitting safety goggles

#### Skin Protection

Long sleeved clothing, Chemical resistant apron, Boots

#### Hand Protection

Neoprene gloves

#### Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

#### Respirator Recommendation

Particulate filter, Multi gas/vapor cartridge

#### General Hygiene Considerations

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Brown

#### Physical state

Liquid

#### Odor

Slight

#### Odor Threshold

No information available

#### pH

< 2

#### Specific Gravity

1.13

#### Vapor Pressure

No data available

#### Vapor Density

No data available

#### Flash Point

No data available

#### Autoignition Temperature

No data available

#### Boiling Point/Range

No data available

#### Melting Point/Range

No data available

#### Freezing Point/Range

No data available

#### Decomposition temperature

No information available

#### Flammability (solid, gas)

No information available

#### Explosion Limits

No information available

#### Evaporation Rate

No data available

#### Relative Density

No data available

#### Solubility

No information available

#### Partition Coefficient

No data available

#### (n-octanol/water)

#### Viscosity

No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	None under normal use
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	bases, bleach, organic materials
<b>Hazardous decomposition products</b>	Iodine

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Inhalation</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

### **Component Analysis - LD50/LC50**

<b>Chemical name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Phosphoric acid 7664-38-2	= 1530 mg/kg ( Rat )	2730 mg/kg ( Rabbit )	850 mg/m <sup>3</sup> ( Rat ) 1 h
Water 7732-18-5	> 90 mL/kg ( Rat )		

### Potential Health Effects

**Skin Corrosion/Irritation** Corrosive to skin. Category 1B. Causes severe burns.

**Serious eye damage/eye irritation** Causes serious eye damage.

**Respiratory or skin sensitization** No information available.

**Mutagenic effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Reproductive Effects** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** Not hazardous.

**Aspiration Hazard** No information available.

**Information on likely routes of exposure** No known significant effects or critical hazards

**Early onset symptoms related to exposure (Immediate effects)** None known

**Delayed health effects from exposure** none known

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Phosphoric acid		3 - 3.5: 96 h Gambusia affinis mg/L LC50		4.6: 12 h Daphnia magna mg/L EC50

**Persistence and degradability** No information available

**Bioaccumulation/Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

**Other adverse effects** No information available

**Biodegradation** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**Contaminated Packaging** Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

**Personal precautions** Use personal protective equipment. Avoid contact with skin, eyes and clothing.

## 14. TRANSPORT INFORMATION

### Road and Rail transport

<b>UN-No</b>	1760
<b>Proper Shipping Name</b>	Corrosive liquid, n.o.s ( Phosphoric acid )
<b>Technical name</b>	Phosphoric acid
<b>Hazard Class</b>	8
<b>Packing Group</b>	III
<b>Environmental hazard</b>	Not regulated
<b>Special Precautions</b>	Not regulated
<b>Hazchem Code</b>	2R

### IMDG/IMO

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	No information available
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	No information available
<b>Packing Group</b>	No information available
<b>IMDG Marine Pollutant</b>	No information available

### IATA/ICAO

<b>UN-No</b>	Not regulated
<b>Proper Shipping Name</b>	No information available
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	No information available
<b>Packing Group</b>	No information available

<b>EPG Code</b>	8A1
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15. REGULATORY INFORMATION
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<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	No information available
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<b>Poison Schedule Number</b>	Schedule 6
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<b>APVMA Approval Number</b>	54469
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16. OTHER INFORMATION
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<b>Prepared By</b>	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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<b>Preparation Date:</b>	24-Aug-2015
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<b>Date of last revision:</b>	17-Sep-2020
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<b>Revision Number:</b>	3.1
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<b>Reason for revision</b>	5-Yearly revision (no changes required).
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**Disclaimer**

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**End of SDS**